

## IN THE CLAIMS

Please cancel Claims 1 and 3-13, without prejudice or disclaimer of subject matter.

Please amend Claim 2, to read as follows.

1. (Canceled)

2. (Currently Amended) A printhead ~~using~~ comprising:

a first printhead substrate;

a second printhead substrate; and

at least one signal line shared between said first printhead substrate and said second printhead substrate,

wherein said first printhead substrate comprises:

having a plurality of printing elements, each including an electrothermal transducer, ~~and wherein said first printhead substrate further comprises:~~

a selection circuit which selects, in accordance with an input control signal, a printing signal input via a signal line ~~and~~ or a predetermined signal for driving ~~the~~ the said plurality of printing elements[[;]], and

an input unit which inputs a driving signal for driving ~~the~~ the said plurality of printing elements,

wherein in a case where printing operation by driving ~~the~~ the said plurality of printing elements in accordance with the printing signal is suppressed, said selection circuit selects the

predetermined signal, and drives ~~the~~ said plurality of printing elements on the basis of the predetermined signal by a short pulse signal insufficient to print,

and wherein said shared signal line is used for time-divisionally inputting a selection signal for driving said plurality of printing elements and the control signal, the control signal includes at least a 2-bit signal, and one bit of the 2-bit signal is input as a dedicated control signal to said selection circuit exclusively from said second printhead substrate.

3-13. (Canceled)